

ST.ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LESSON PLAN

NAME OF THE SUBJECT: **Python Programming**
 YEAR-SEM, : **II B.TECH- I SEM**

Branch & Section: **CSE-C**
 Academic Year: **2017-18**

NAME OF THE FACULTY: **K.SUBBA RAO**

NO. OF LECTURES PER WEEK : **4+1* (TUTORIAL)**

sl No	UNIT	Date	Topic
1	I	12/6/2017	Unit 1:Introduction:History of Python
2		13/6/2017	Tutorial
3		13/6/2017	Tutorial
4		14-06-2017	Need of Python Programming
5		15-06-2017	Applications of Python
6		16-06-2017	Basics of Python Programming Using the REPL(Shell),Running Python Scripts
7		19-06-2017	Variables, Assignment, Keywords
8		20/6/2017	Tutorial
9		20/6/2017	Tutorial
10		21/06/2017	Input-Output, Indentation.
11		22/06/2017	Revision of unit-1:NPTEL
12	II	23/06/2017	Unit-1 objective test, Introduction to unit-2:Types - Integers, Strings, Booleans;
13		27/06/2017	Tutorial
14		27/06/2017	Tutorial
15		28/06/2017	Unit Test 1
16		29/06/2017	Operators- Arithmetic , Comparison (Relational), Assignment, Logical, Bitwise
17		30/6/2017	Membership Operators, Identity Operators,Expressions and order of evaluations
18		3/7/2017	Control Flow- if, if-elif-else, for, while,
19		4/7/2017	Tutorial
20		4/7/2017	Tutorial
21		5/7/2017	break, continue, pass
22		6/7/2017	Revision of unit-2:NPTEL/PPT
23	7/7/2017	Unit-2 Slip test	
24	III	10/7/2017	unit-2 objective test , introduction to unit-3:Data Structures Lists –Operations
25		11/7/2017	Tutorial
26		11/7/2017	Tutorial
27		12/7/2017	Slicing, methods
28		13/7/2017	operations on Sets,
29		14/7/2017	Tuples
30		17/7/2017	Dictionaries
31		18/7/2017	Tutorial
32		18/7/2017	Tutorial
33		19/7/2017	Sequences, Comprehensions
34		20/7/2017	Revision: NPTEL/PPT
35	IV	21/7/2017	Introduction to unit-4, Functions - Defining Functions, Calling Functions
36		24/7/2017	Passing Arguments, Keyword Arguments, Default Arguments, Variable-length arguments
37		25/7/2017	Tutorial
38		25/7/2017	Tutorial
39		26/7/2017	Anonymous Functions, Fruitful Functions(Function Returning Values),
40		27/7/2017	Scope of the Variables in a Function - Global and Local Variables
41		28/7/2017	Creating modules, importing modules, from statement,
42		31/7/2017	name spacing
43		1/8/2017	Tutorial
44		1/8/2017	Tutorial
45		2/8/2017	Introduction to PIP
46		3/8/2017	Installing Packages via PIP, Using Python Packages
47		mid-1	4/8/2017
48	7/8/2017		Revision of Unit-2

49		8/8/2017	Tutorial: Previous Questions Explanation
50		8/8/2017	Tutorial: Previous Questions Explanation
51		9/8/2017	Revision of Unit-3
52		10/8/2017	Previous Questions Explanation
53		11/8/2017	Previous Questions Explanation
54	IV	16/8/2017	Unit Test 4
55	V	17/8/2017	unit-4 objective test and introduction to unit-5: OOP Concepts
56		18/8/2017	Object Oriented Programming OOP in Python: Classes
57		21/8/2017	self variable', Methods
58		22/8/2017	Tutorial
59		22/8/2017	Tutorial
60		23/8/2017	Constructor Method
61		24/8/2017	Inheritance
62		28/8/2017	Overriding Methods, Datahiding
63		29/8/2017	Tutorial
64		29/8/2017	Tutorial
65		30/8/2017	Difference between an error and Exception, Handling Exception
66		31/8/2017	try except block, Raising Exceptions
67		1/9/2017	User Defined Exceptions
68		4/9/2017	Revision of Unit-5:NPTEL/PPT
69		5/9/2017	Tutorial
70		5/9/2017	Tutorial
71		6/9/2017	Unit-5 slip test
72	VI	7/9/2017	Unit-5 objective test, Introduction to Unit-6
73		8/9/2017	Brief Tour of the Standard Library - Operating System Interface
74		11/9/2017	String Pattern Matching
75		12/9/2017	Tutorial
76		12/9/2017	Tutorial
77		13/9/2017	Mathematics, Internet Access, Dates and Times, Data Compression,
78		14/9/2017	Multithreading
79		15/9/2017	GUI Programming
80		18/9/2017	Turtle Graphics
81		19/9/2017	Tutorial
82		19/9/2017	Tutorial
83		20/9/2017	Testing: Why testing is required ?, Basic concepts of testing
84		21/9/2017	Unit testing in Python
85		22/9/2017	Writing Test cases, Running Tests
86		25/9/2017	Writing Test cases, Running Tests
87		26/9/2017	Tutorial
88		26/9/2017	Tutorial
89		27/9/2017	Revision of Unit-6:NPTEL/PPT
90		3/10/2017	Tutorial: Revision of Unit-4
91		3/10/2017	Tutorial: Revision of Unit-5
92		4/10/2017	Revision of Unit-6
93		5/10/2017	Previous Questions Explanation
94	6/10/2017	Previous Questions Explanation	
95	Mid-2	9/10/2017	Revision
96		10/10/2017	Tutorial
97		10/10/2017	Tutorial
98		11/10/2017	Revision
99		12/10/2017	Revision
100		13/10/2017	Previous Questions Explanation

TEXT BOOKS

Python Programming: A Modern Approach, Vamsi Kurama, Pearson

Learning Python, Mark Lutz, Orielly

Reference Books:

Think Python, Allen Downey, Green Tea Press

Core Python Programming, W.Chun, Pearson.

Introduction to Python, Kenneth A. Lambert, Cengage

Signature of Faculty

Signature of HOD

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